



# UNITED STATES PATENT AND TRADEMARK OFFICE

*cel*

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/840,962	04/25/2001	Motofumi Kakiuchi	2000-127065US	5696
------------	------------	-------------------	---------------	------

466 7590 01/19/2006

YOUNG & THOMPSON  
745 SOUTH 23RD STREET  
2ND FLOOR  
ARLINGTON, VA 22202

EXAMINER
----------

RYMAN, DANIEL J

ART UNIT	PAPER NUMBER
----------	--------------

2665

DATE MAILED: 01/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/840,962

Applicant(s)

KAKIUCHI, MOTOFUMI

Examiner

Daniel J. Ryman

Art Unit

2665

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 30 November 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 13 and 14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 13 and 14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 November 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments with respect to claims 13 and 14 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 13 and 14 are rejected under 35 U.S.C. 102(e) as being anticipated by Chang et al. (USPN 6,118,864).
4. Regarding claims 13 and 14, Chang discloses a method of and system for transferring connections among plural telephones (ref. 14) connected to a private branch exchange (PBX) (ref. 36), the plural telephones including a first multifunction telephone and a second multifunction telephone, where the first telephone is connected to the PBX through a local area network (LAN) (ref. 32) that transfers signals in packets, the method comprising the steps of and the system comprising means for: connecting the PBX to the LAN with a first adaptor (ref. 2) in which a first interface is connected to the PBX and in which a second interface is connected to the LAN (Fig. 1 and col. 3, line 40-col. 4, line 22); detecting a signal class of a signal from the second telephone addressed to the first telephone and received at the first interface of the first adaptor via the PBX, the signal class being one of control, tone and voice (col. 6, lines 44-50);

Art Unit: 2665

preparing a packet for transmission to the first telephone over the LAN via the second interface of the first adaptor (col. 8, lines 30-33), the packet including the signal class of the signal from said second telephone (col. 12, line 66-col. 13, line 7); identifying a signal class of a packet from the first telephone transferring a connection to the second telephone and received at the second interface of the first adaptor via the LAN and preparing a corresponding signal for transmission to the second telephone via the first interface of the first adaptor and the PBX (col. 8, lines 30-33 and col. 12, line 66-col. 13, line 7); connecting the LAN to the first telephone with a second adaptor (ref. 18) in which a first interface is connected to the first telephone and a second interface is connected to the LAN (Fig. 1 and col. 3, line 40-col. 4, line 22); detecting a signal class of a signal from the first telephone transferring a connection to the second telephone and received at the first interface of the second adaptor, the signal class being one of control, tone and voice (col. 6, lines 44-50); preparing a packet for transmission to the second telephone over the LAN via the second interface of the second adaptor (col. 8, lines 30-33), the packet including the signal class of the signal from the first telephone (col. 12, line 66-col. 13, line 7); and identifying a signal class of a packet from the second telephone addressed the first telephone and received at the second interface of the second adaptor via the LAN and preparing a corresponding signal for transmission to the first telephone via the first interface of the second adaptor (col. 8, lines 30-33 and col. 12, line 66-col. 13, line 7), whereby a connection at the first telephone is transferred to the second telephone (col. 1, line 59-col. 2, line 1; col. 12, lines 24-32; and col. 12, line 58-col. 13, line 20).

*Conclusion*

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Ehlinger (USPN 6,693,893) see col. 2, lines 8-22, which pertains to classifying PSTN signals and packetizing the different signals. Ford (USPN 6,463,051) see col. 3, lines 22-47, which pertains to PBXs. Frankel et al. (USPN 6,075,784) see entire document which pertains to classifying PSTN signals and packetizing the different signals

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel J. Ryman whose telephone number is (571)272-3152. The examiner can normally be reached on Mon.-Fri. 7:00-4:30 with every other Friday off.

Art Unit: 2665

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on (571)272-3155. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

 Daniel J. Ryman  
Examiner  
Art Unit 2665

  
HUY D. VU  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600